

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/09357

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 12030 A (NANOGEN INC) 3 April 1997 cited in the application	1-44
Y	see abstract see page 1, line 1 - line 8 see page 8, line 21 - page 9, line 25 see page 13, line 4 - page 15, line 30 see page 35, line 36 - page 36, line 10 see page 38, line 24 - page 42, line 16; claims 19-22, 34-48; figures 1-5, 8-15 --- -/--	50-53

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

9 October 1998

Date of mailing of the international search report

21/10/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl,
Fax: (+31-70) 340-2016

Authorized officer

Knaehr M

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9712030 A	03-04-1997	AU 6968996 A EP 0852617 A	17-04-1997 15-07-1998
WO 9601836 A	25-01-1996	AU 2966195 A BR 9506035 A CA 2169852 A CN 1135220 A EP 0717749 A FI 961034 A JP 9503307 T US 5632957 A	09-02-1996 14-10-1997 25-01-1996 06-11-1996 26-06-1996 02-05-1996 31-03-1997 27-05-1997
WO 9607917 A	14-03-1996	US 5632957 A AU 3507095 A BR 9508908 A CN 1164894 A FI 970957 A JP 10505497 T	27-05-1997 27-03-1996 28-10-1997 12-11-1997 07-05-1997 02-06-1998
US 5532129 A	02-07-1996	US 5787032 A AU 667497 B AU 3136493 A CA 2123133 A EP 0620822 A JP 7502992 T WO 9309128 A US 5565322 A	28-07-1998 28-03-1996 07-06-1993 13-05-1993 26-10-1994 30-03-1995 13-05-1993 15-10-1996

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 96 01836 A (NANOGEN INC) 25 January 1996 cited in the application</p> <p>see abstract see page 1, line 1 - line 9 see page 9, line 1 - line 17 see page 10, line 16 - page 13, line 22 see page 16, line 5 - page 17, line 26 see page 22, line 24 - line 31 see page 40, line 1 - page 42, line 10 see page 45, line 19 - page 51, line 25 see page 53, line 18 - page 54, line 26; claims 32-47, 55, 68, 70-79, 92-94; figures 1, 2, 5, 7, 11-15; examples 3, 4, 8D, 9</p>	<p>1, 10, 12-14, 18, 20-29, 31-44, 50-55</p>
Y	<p>WO 96 07917 A (NANOGEN) 14 March 1996</p> <p>see the whole document</p>	<p>1, 10, 12-14, 18, 20-29, 31-44</p>
Y	<p>HELLER M J ET AL.: "Intramolecular catalysis of acylation and deacylation in peptides containing cysteine and histidine" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 99, no. 8, 1977, pages 2780-2785, XP002080137 cited in the application see the whole document</p>	<p>54, 55</p>
A	<p>US 5 532 129 A (HELLER MICHAEL J) 2 July 1996 cited in the application see the whole document</p>	